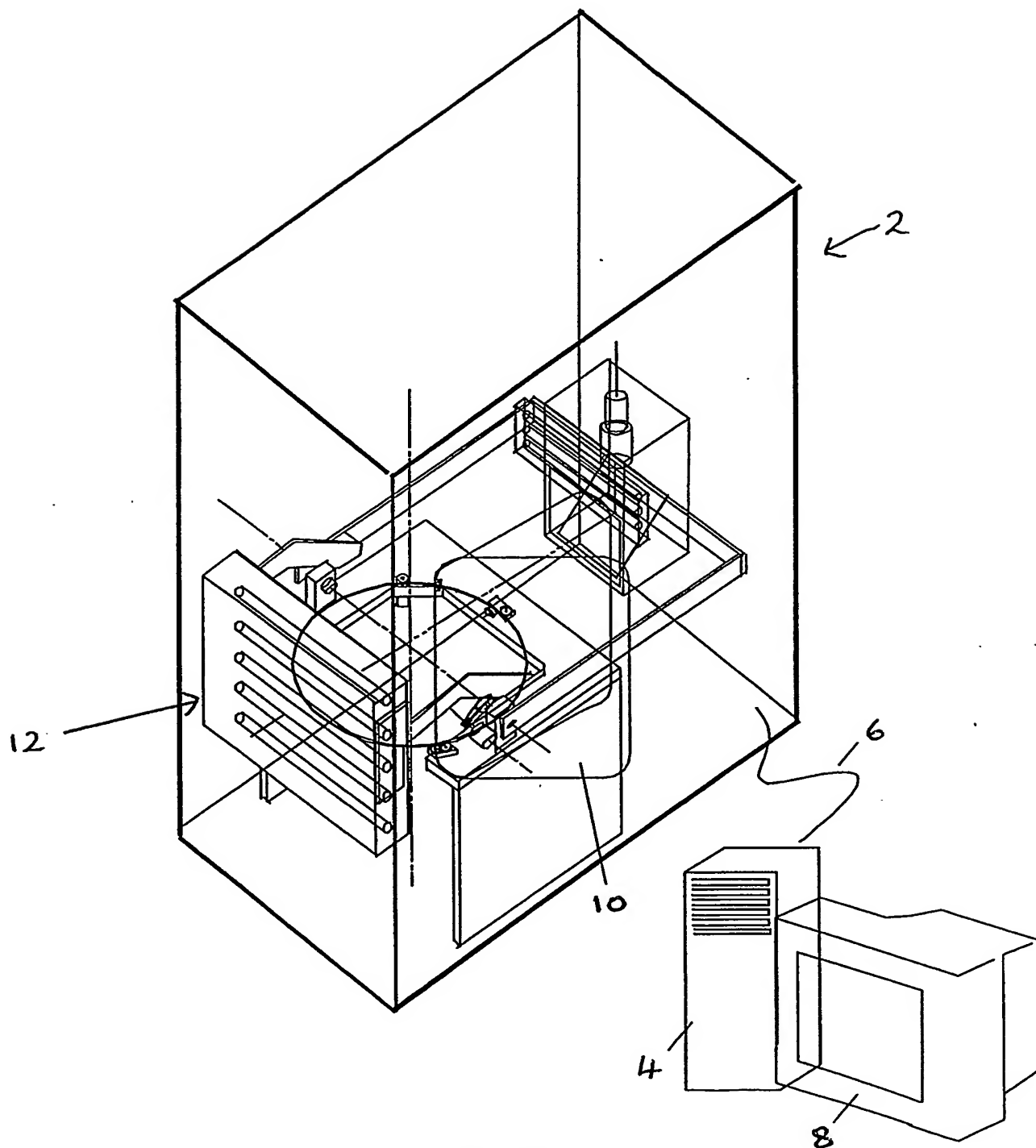


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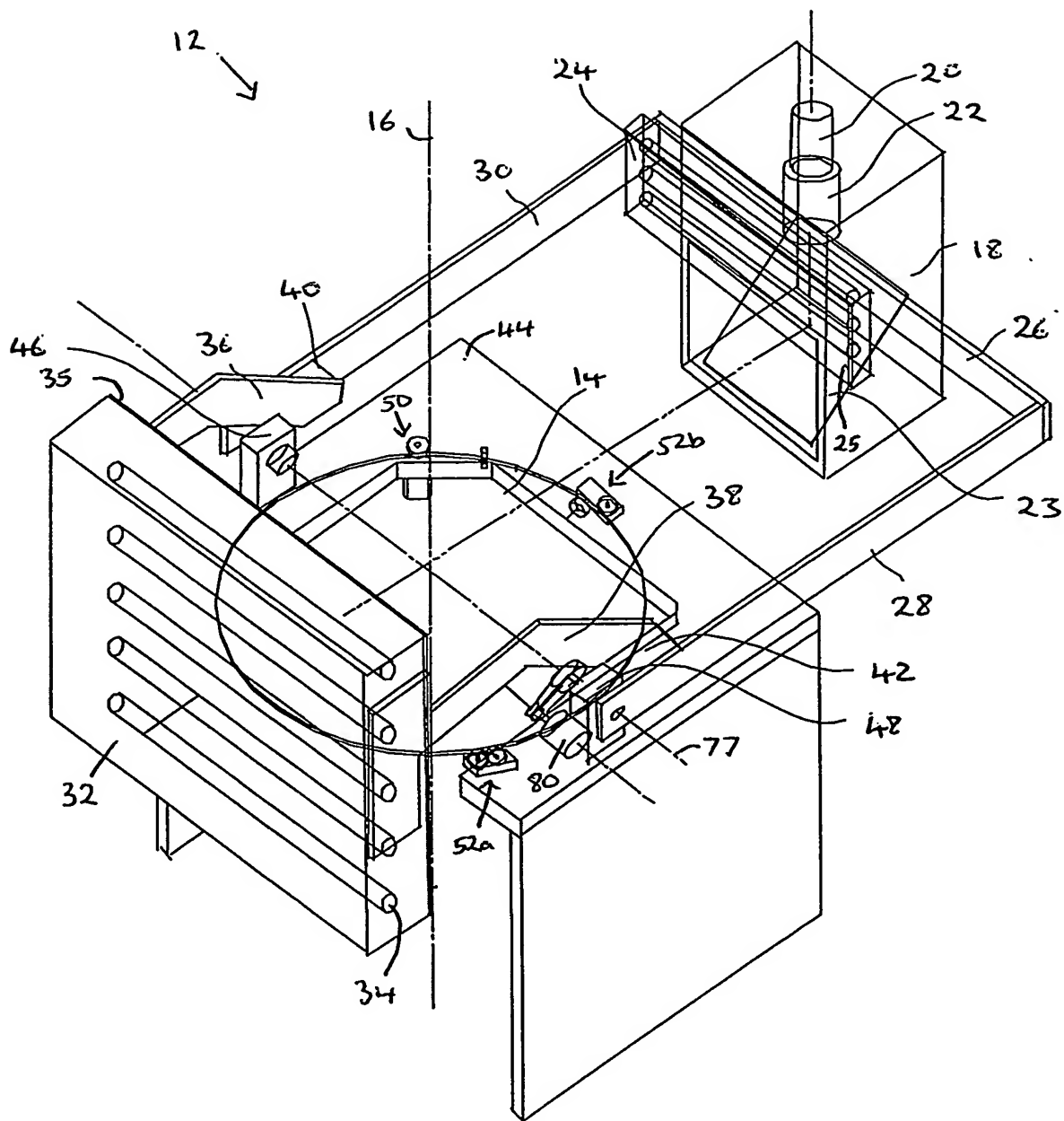


FIG2

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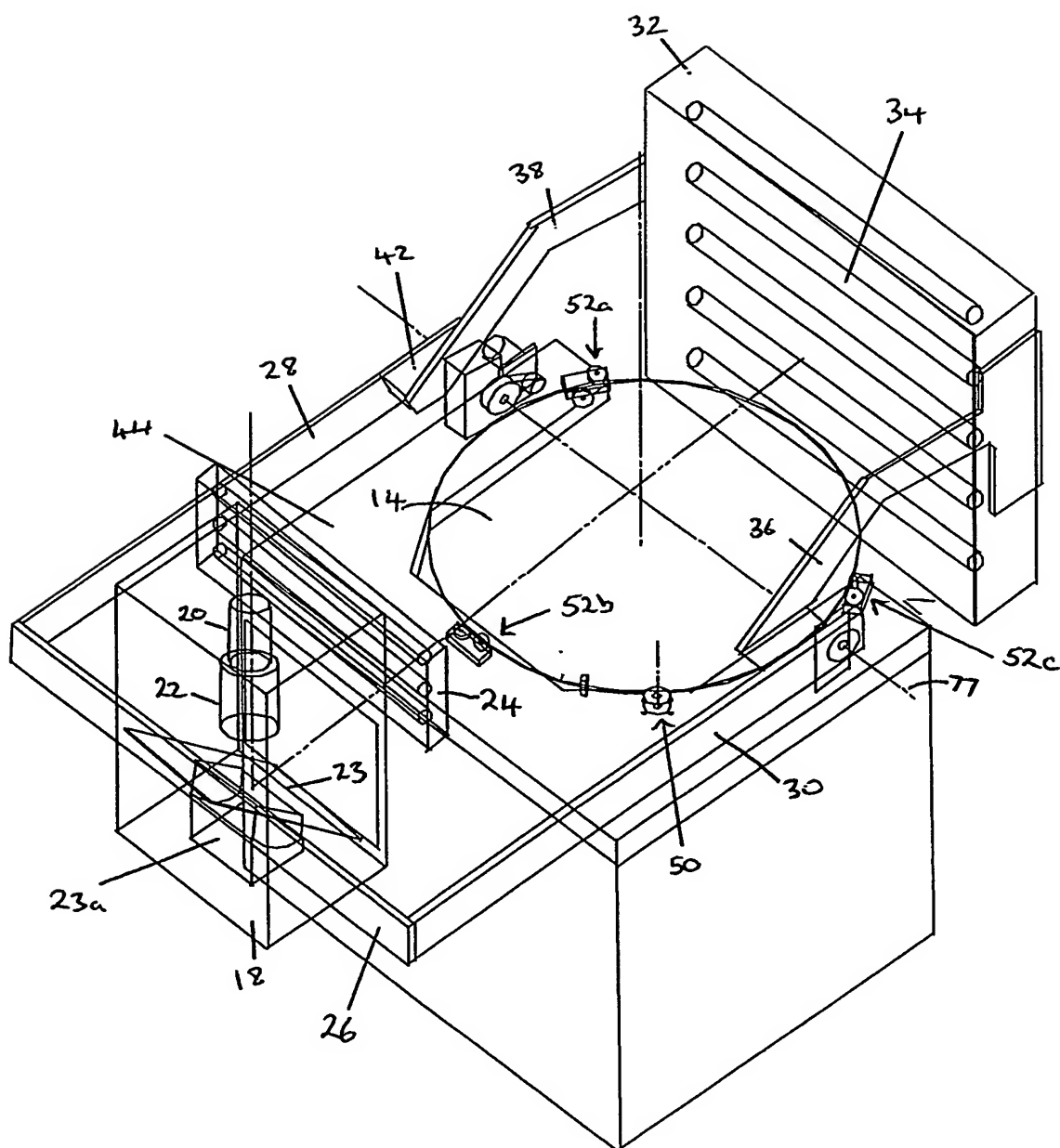
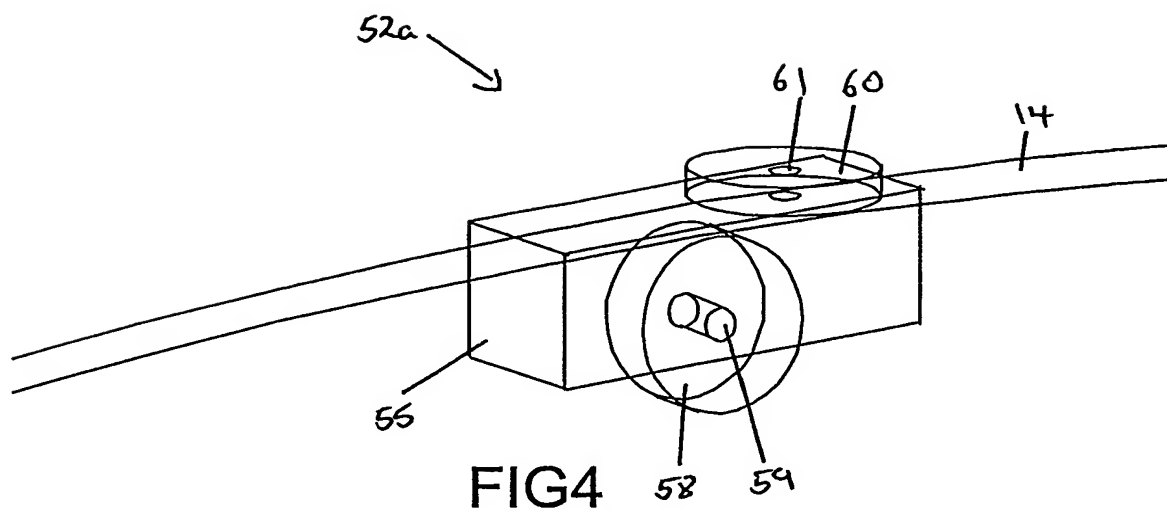
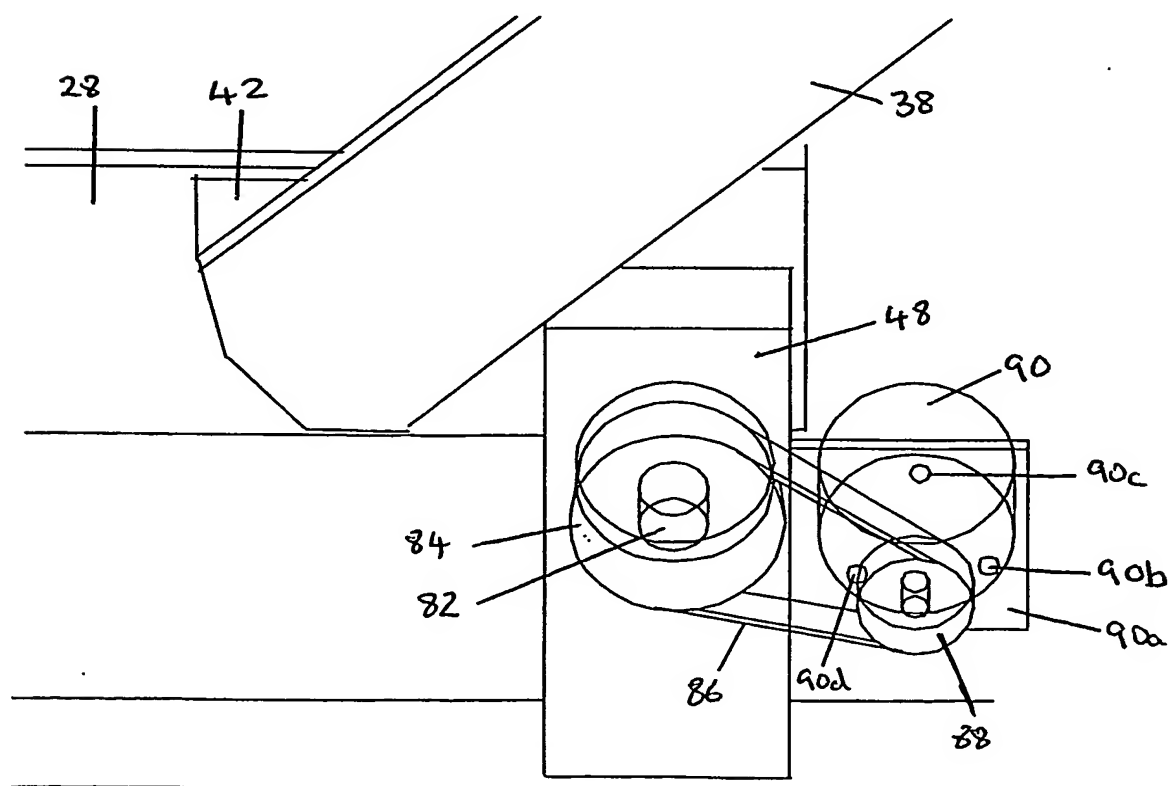
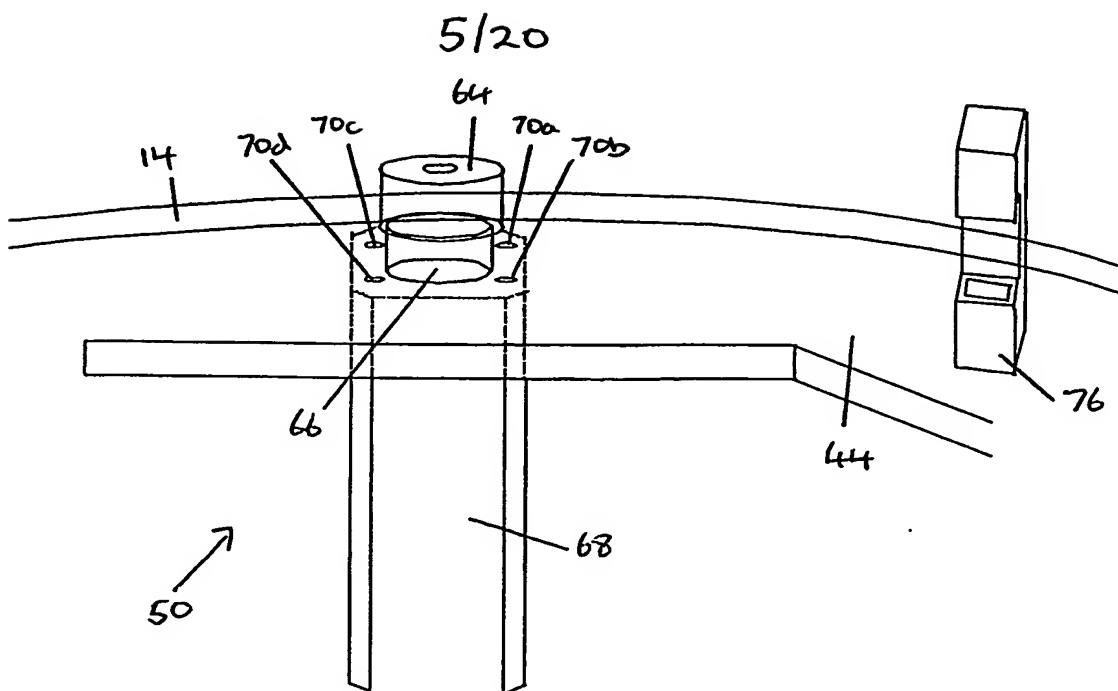


FIG3

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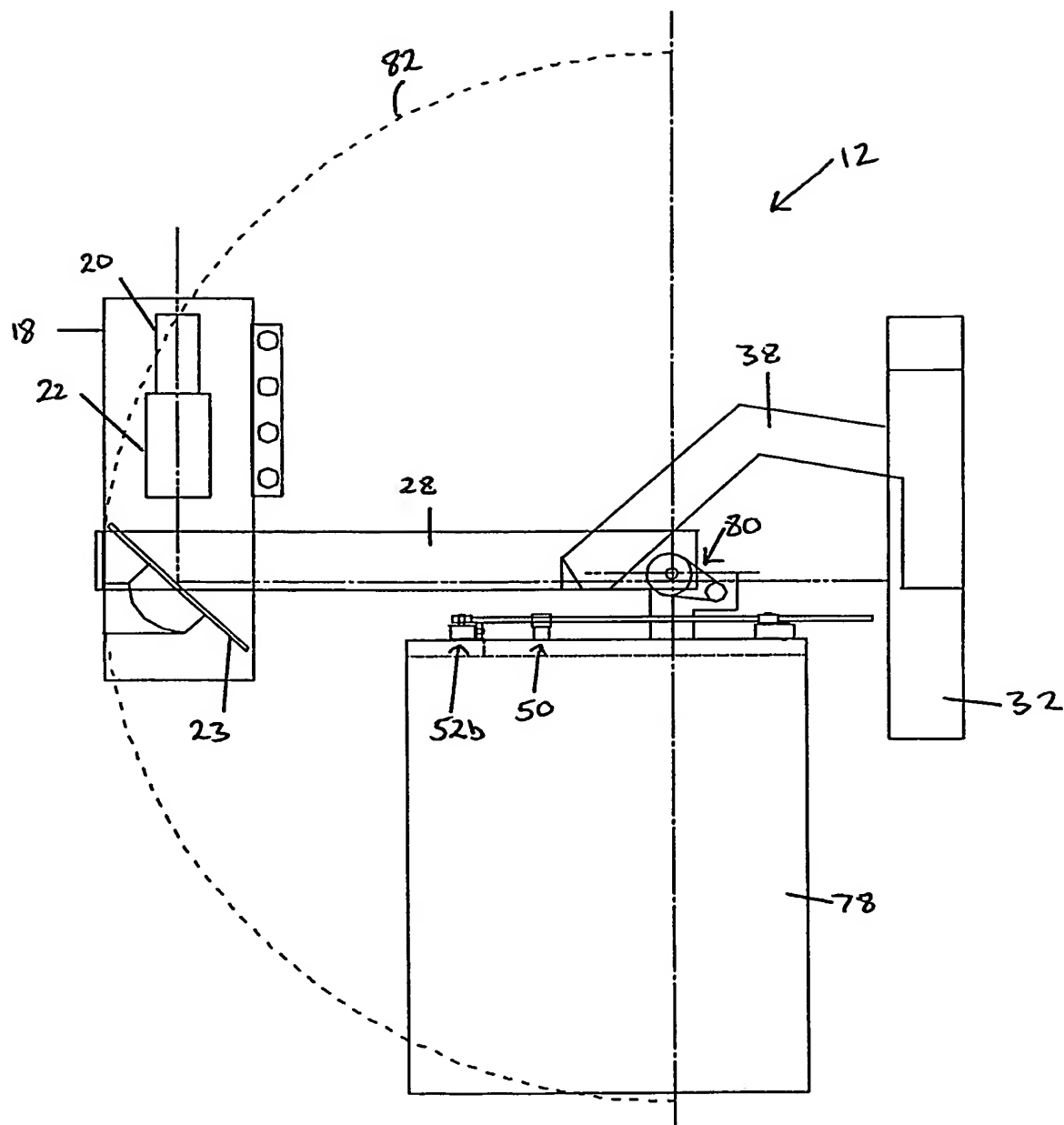


FIG7

A detailed cross-sectional view of a camera assembly 100. The assembly includes a main body 30 housing a lens 98 and a shutter mechanism 20. A large circular component 14 is positioned behind the lens. Various adjustment mechanisms are shown, including a top-mounted lever 40 and a bottom-mounted lever 80. Reference numerals identify specific parts: 100 (assembly), 14 (circular component), 18 (shutter housing), 20 (shutter), 22 (shutter release button), 23 (shutter release lever), 24 (lens mount), 26 (camera back), 28 (lens barrel), 30 (main body), 36 (top plate), 38 (bottom plate), 40 (top lever), 42 (bottom lever), 50 (top adjustment screw), 52a (bottom adjustment screw), 52b (lens adjustment screw), 52c (top adjustment screw), 80 (bottom lever), 92 (central aperture), 94 (aperture stop), 96 (iris diaphragm), and 98 (lens).

FIG 8

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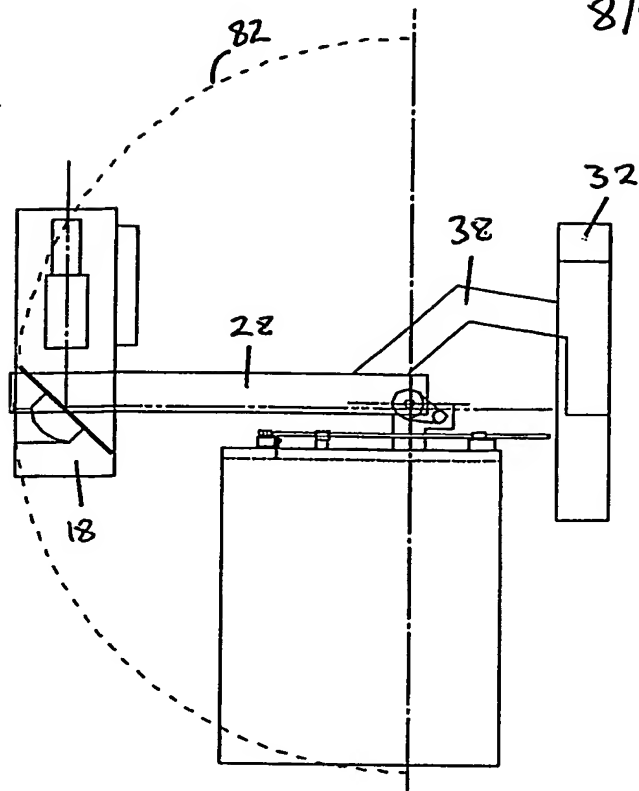


FIG 9

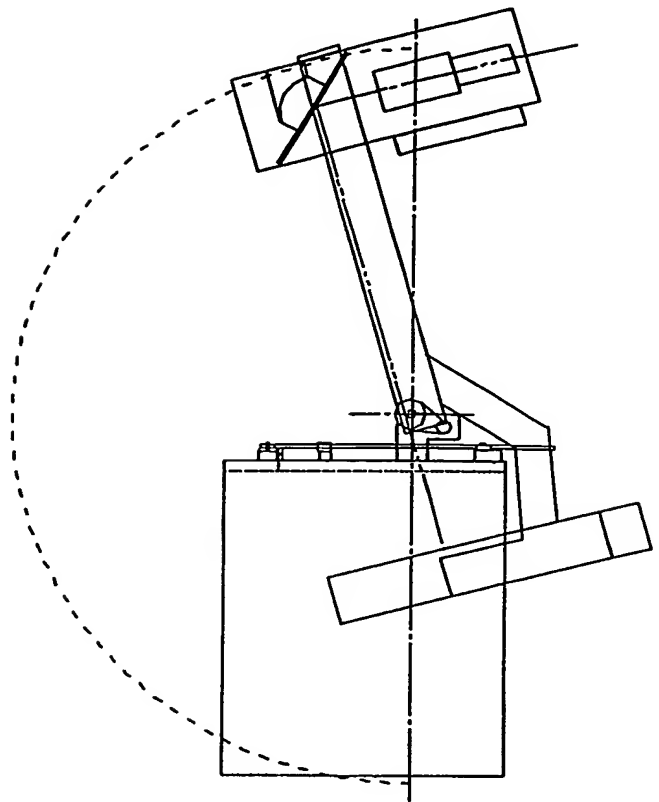


FIG10

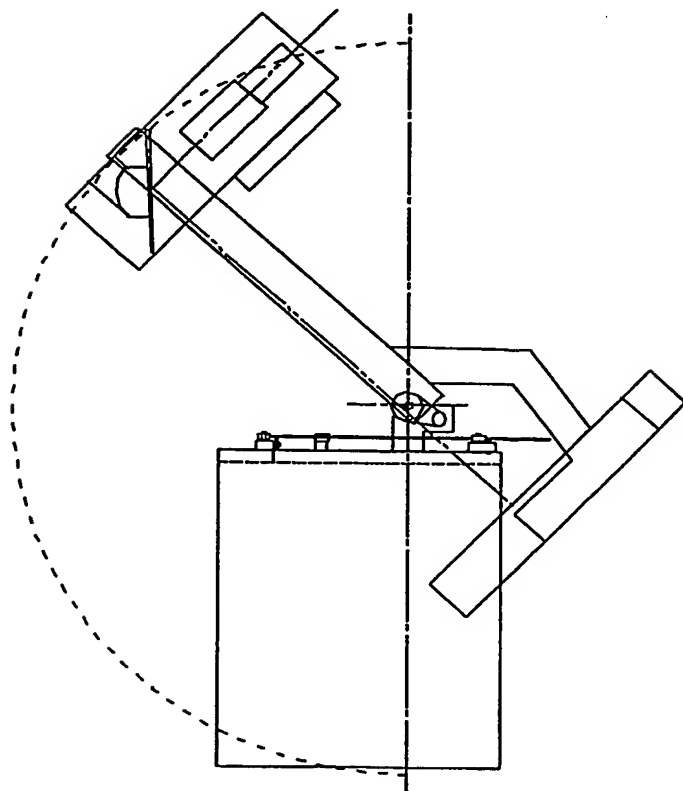


FIG11

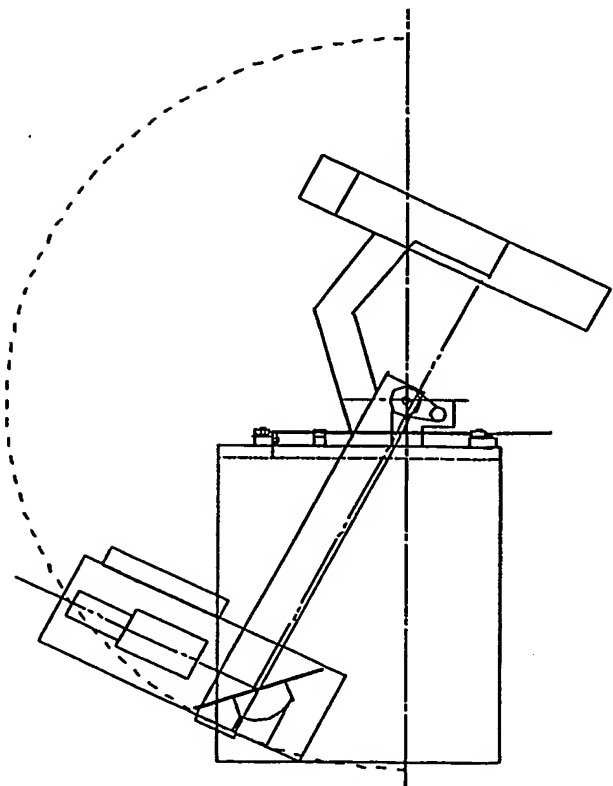


FIG12

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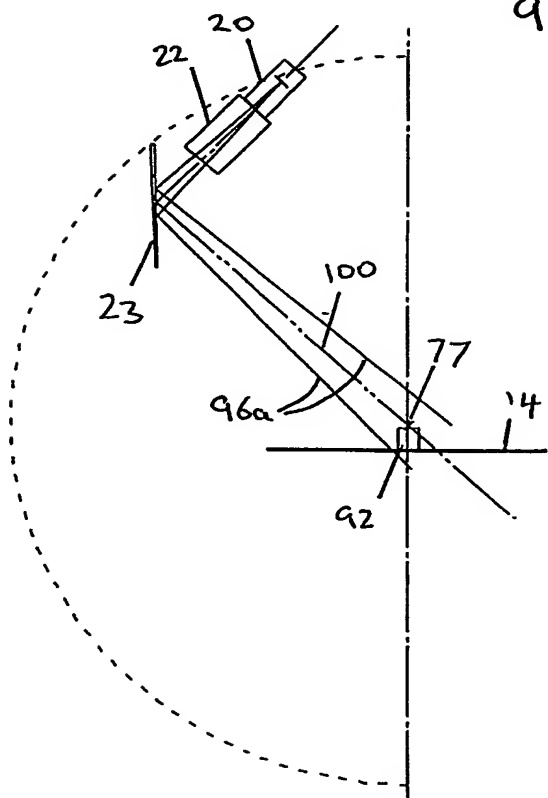


FIG13

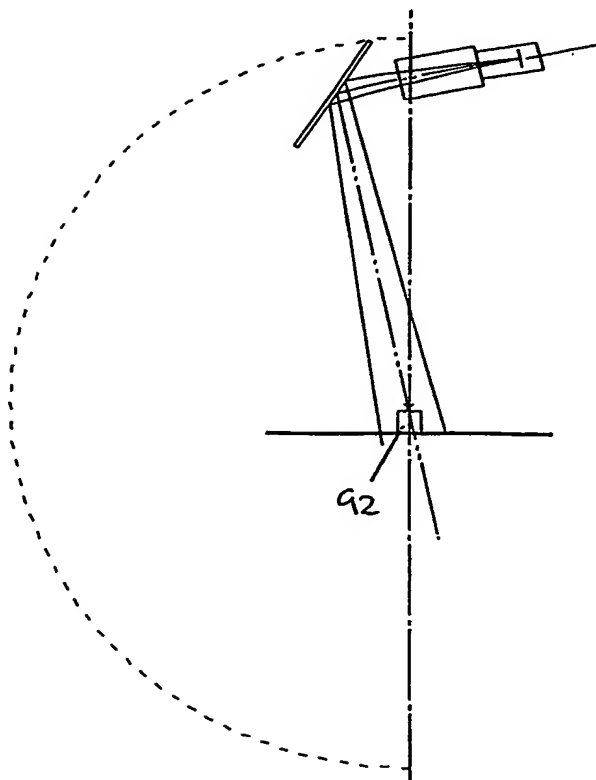


FIG14

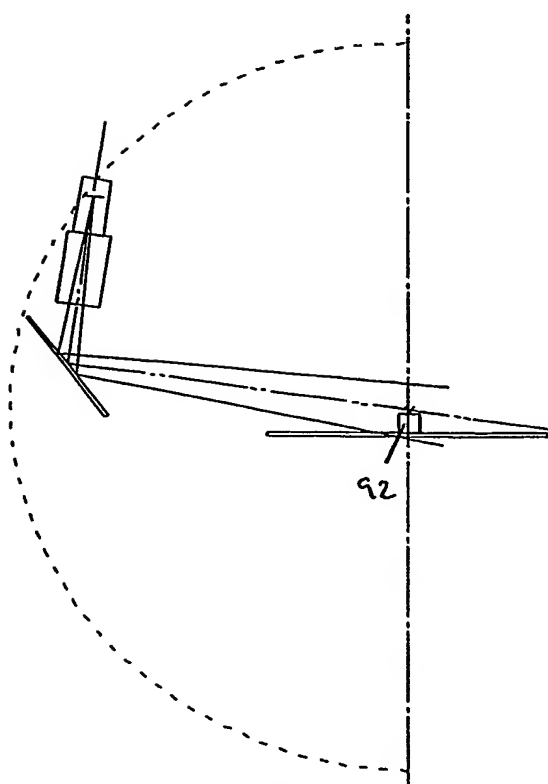


FIG15

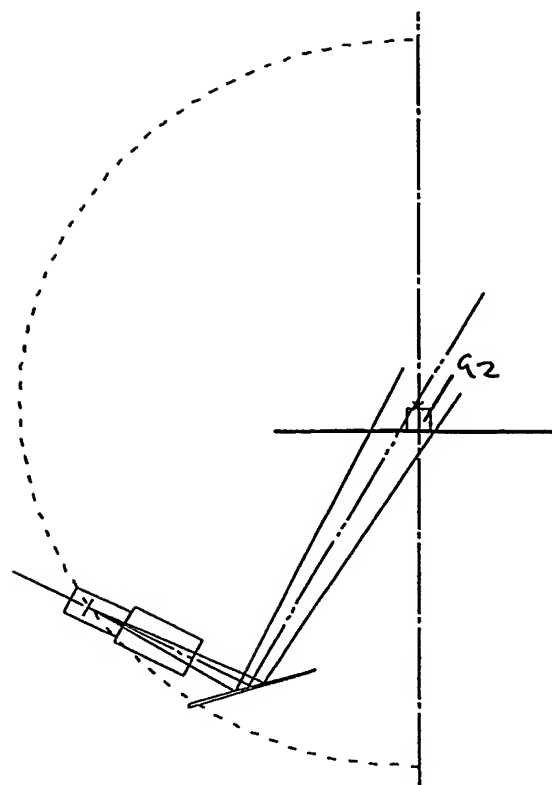


FIG16

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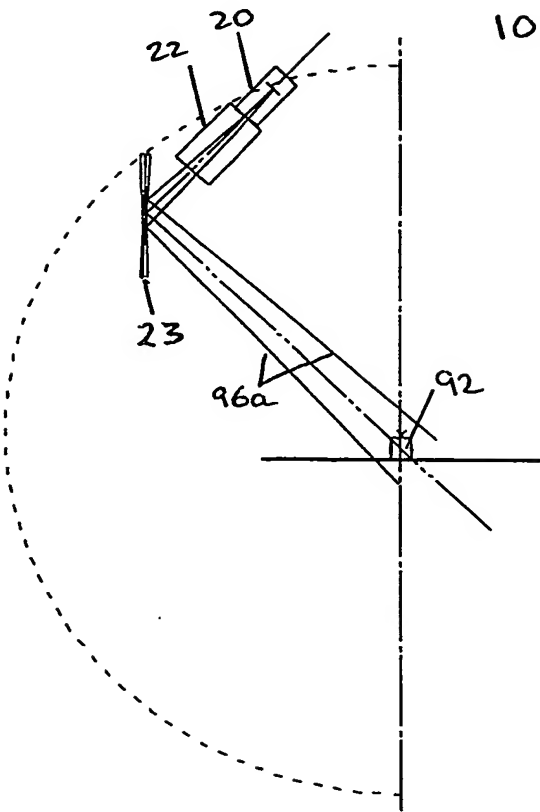


FIG17

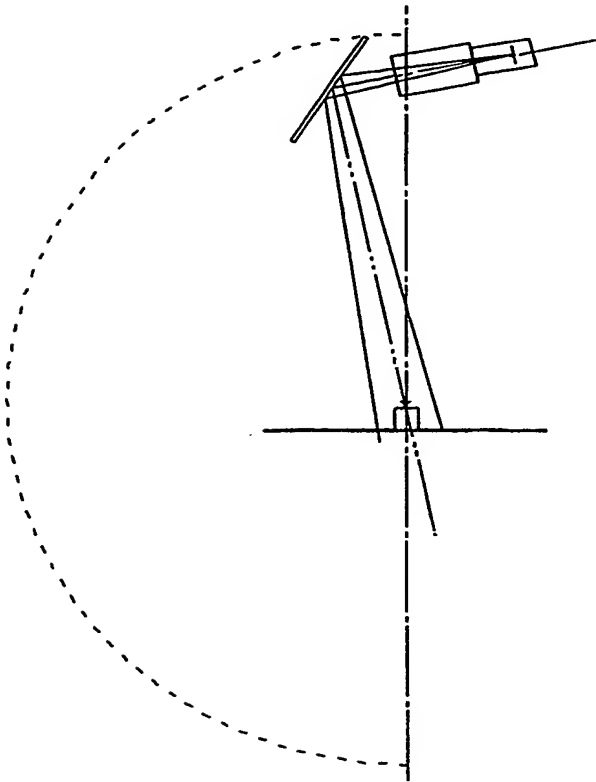


FIG18

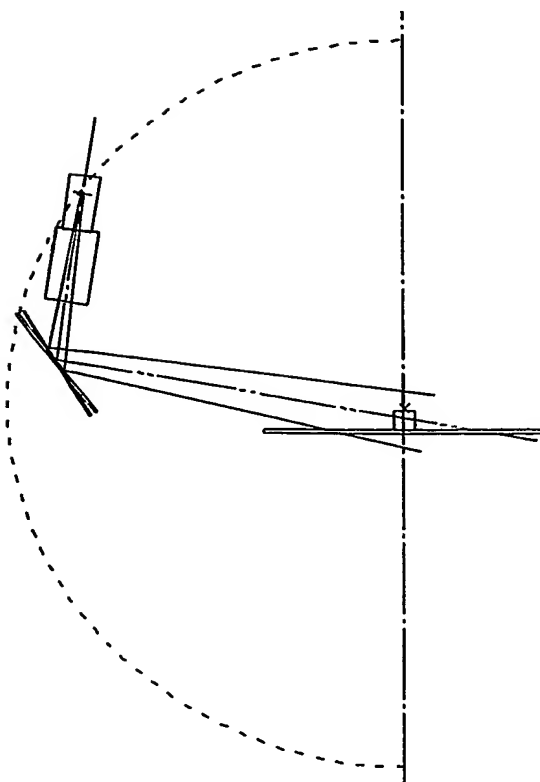


FIG19

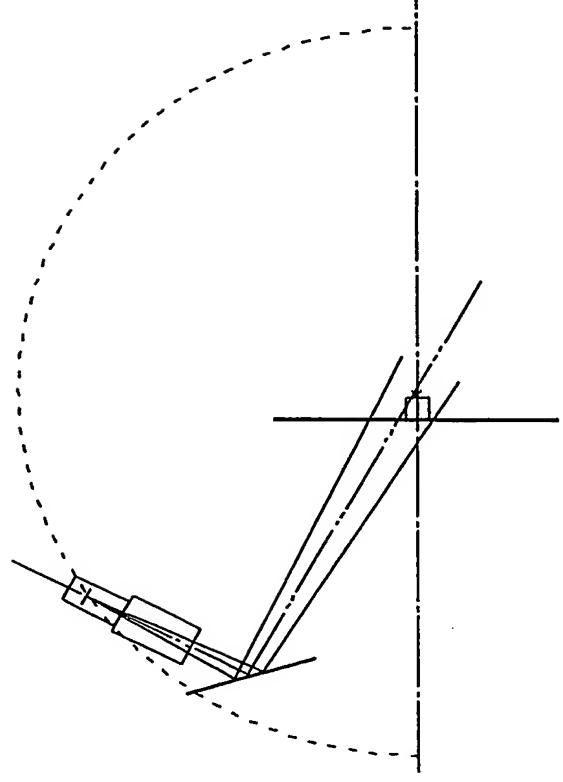


FIG20

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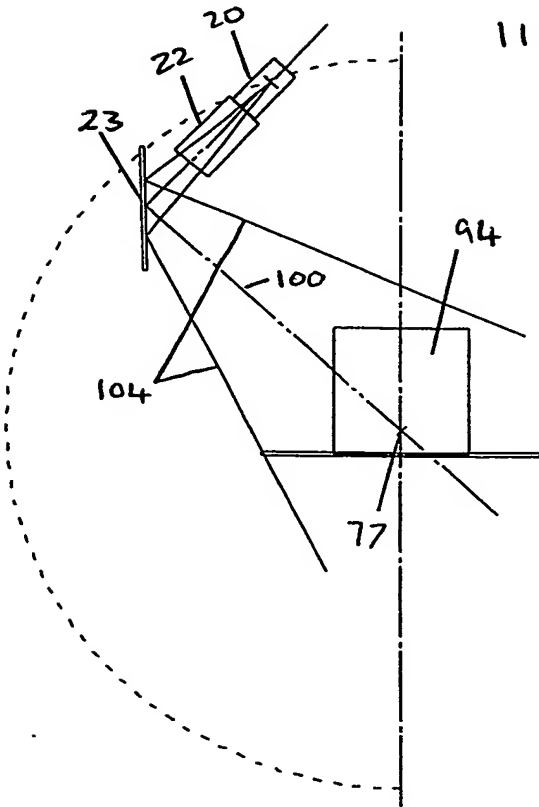


FIG21

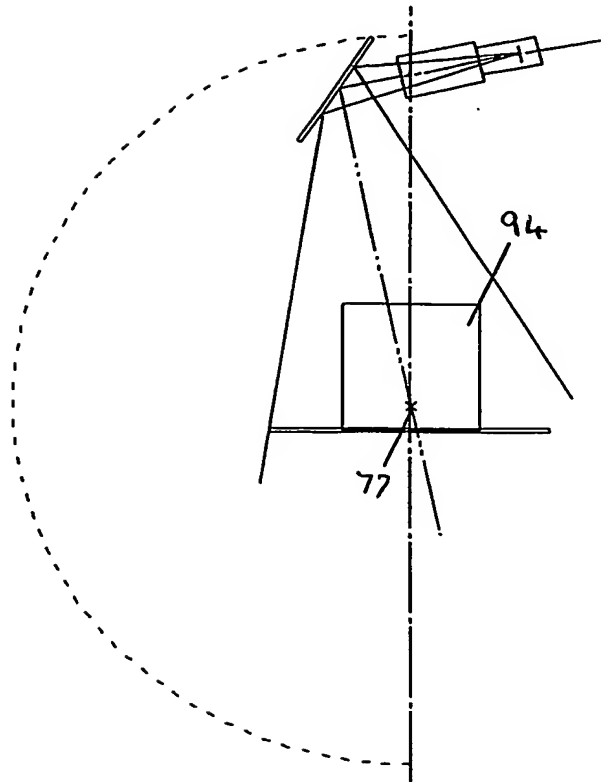


FIG22

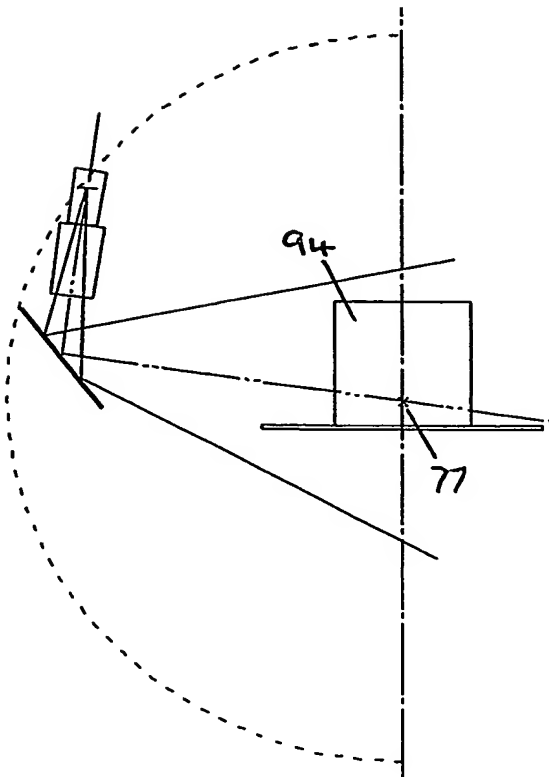


FIG23

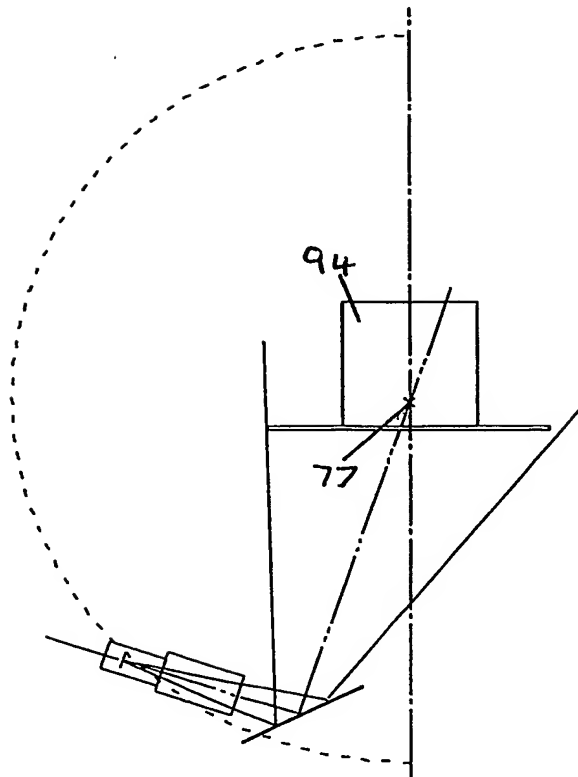


FIG24

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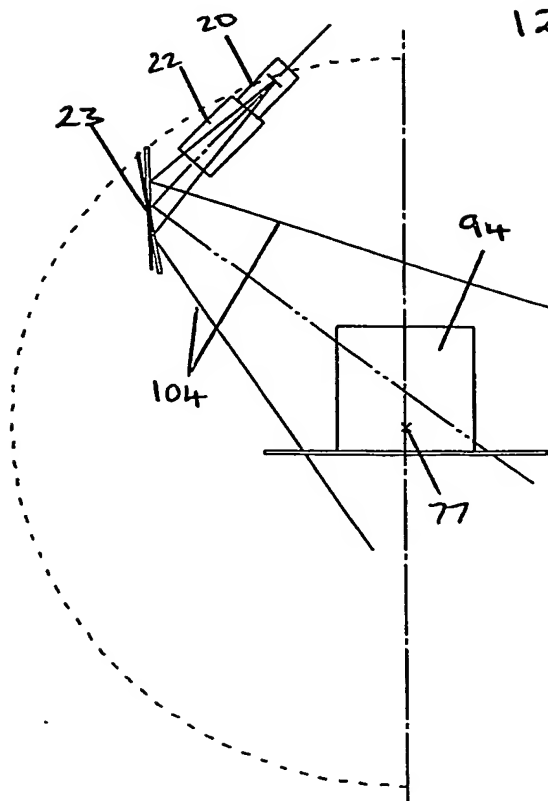


FIG25

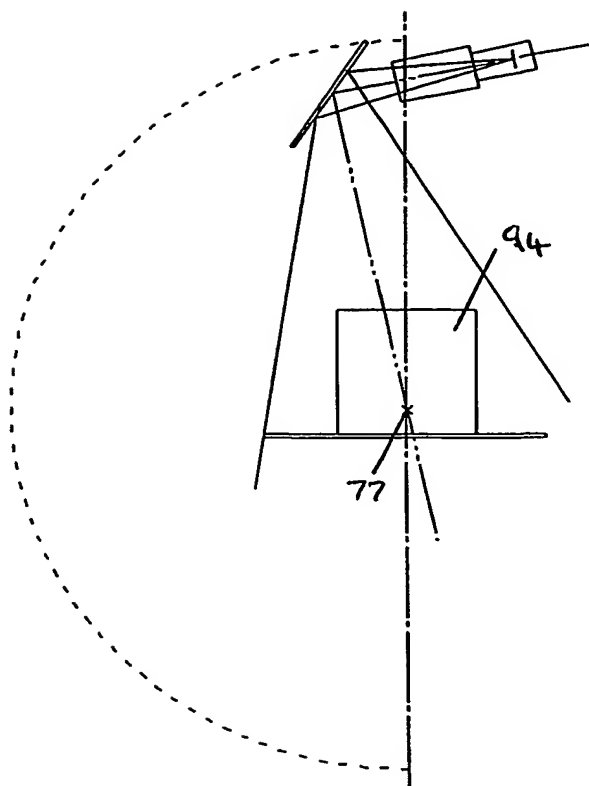


FIG26

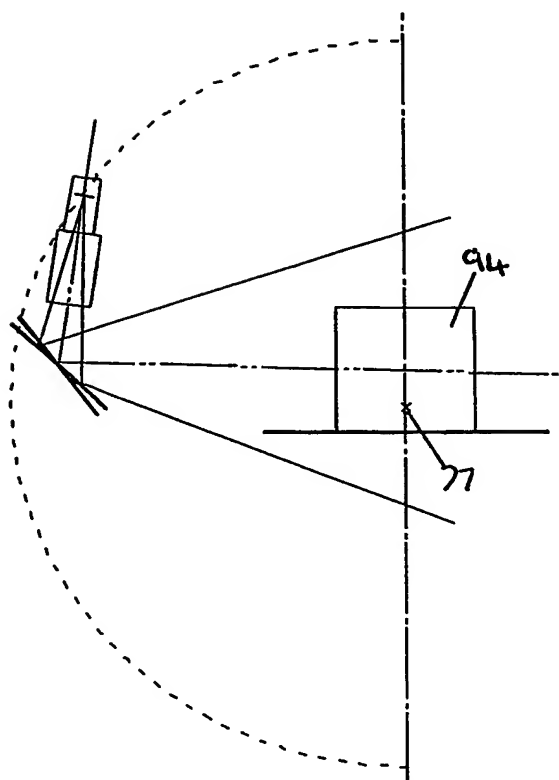


FIG27

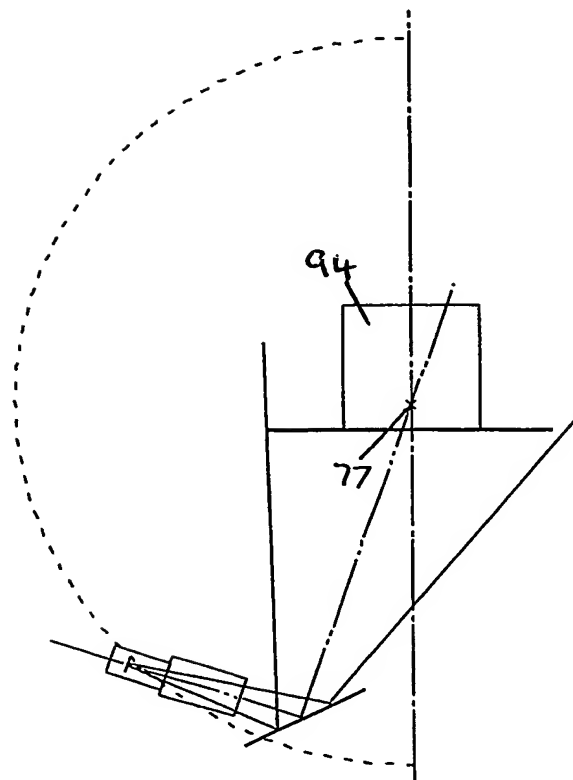


FIG28

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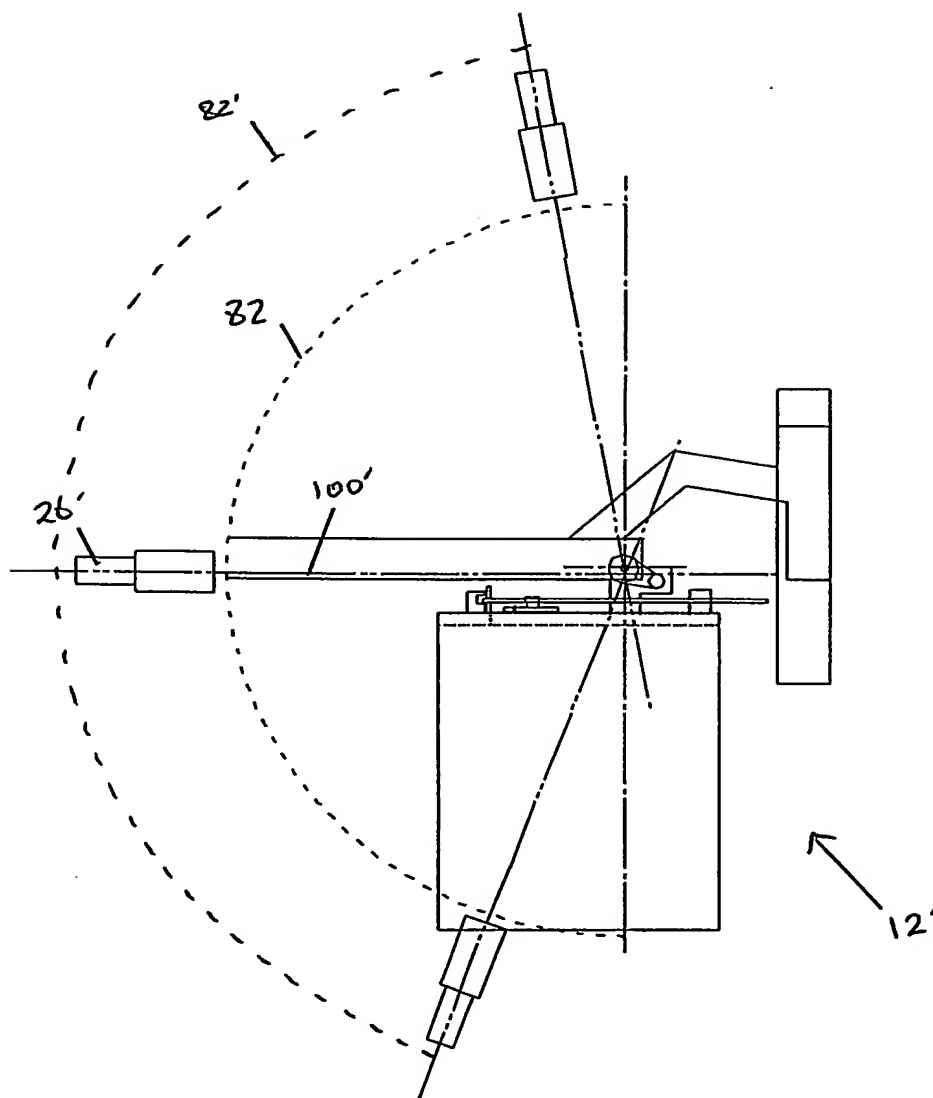


FIG29

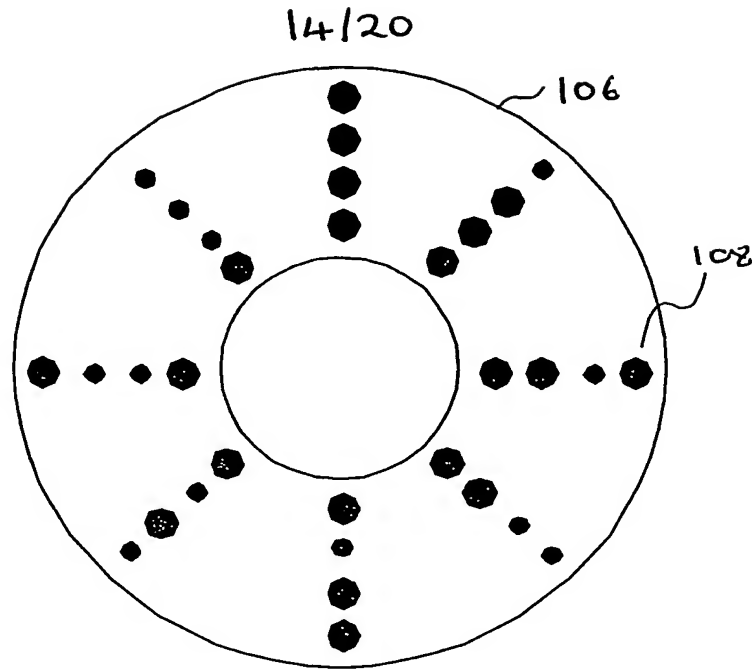


FIG.30

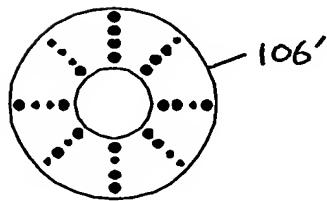


FIG.31

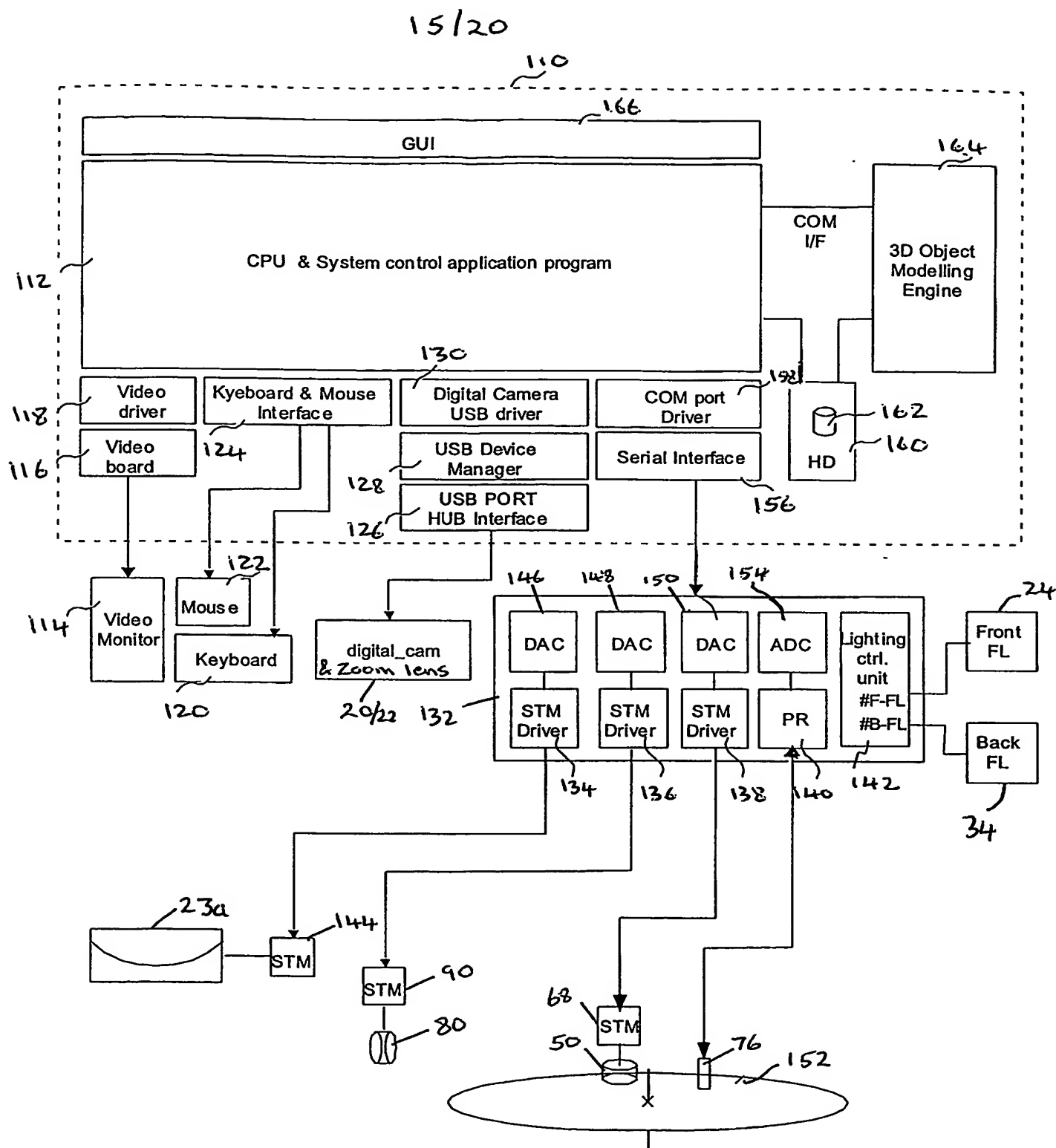
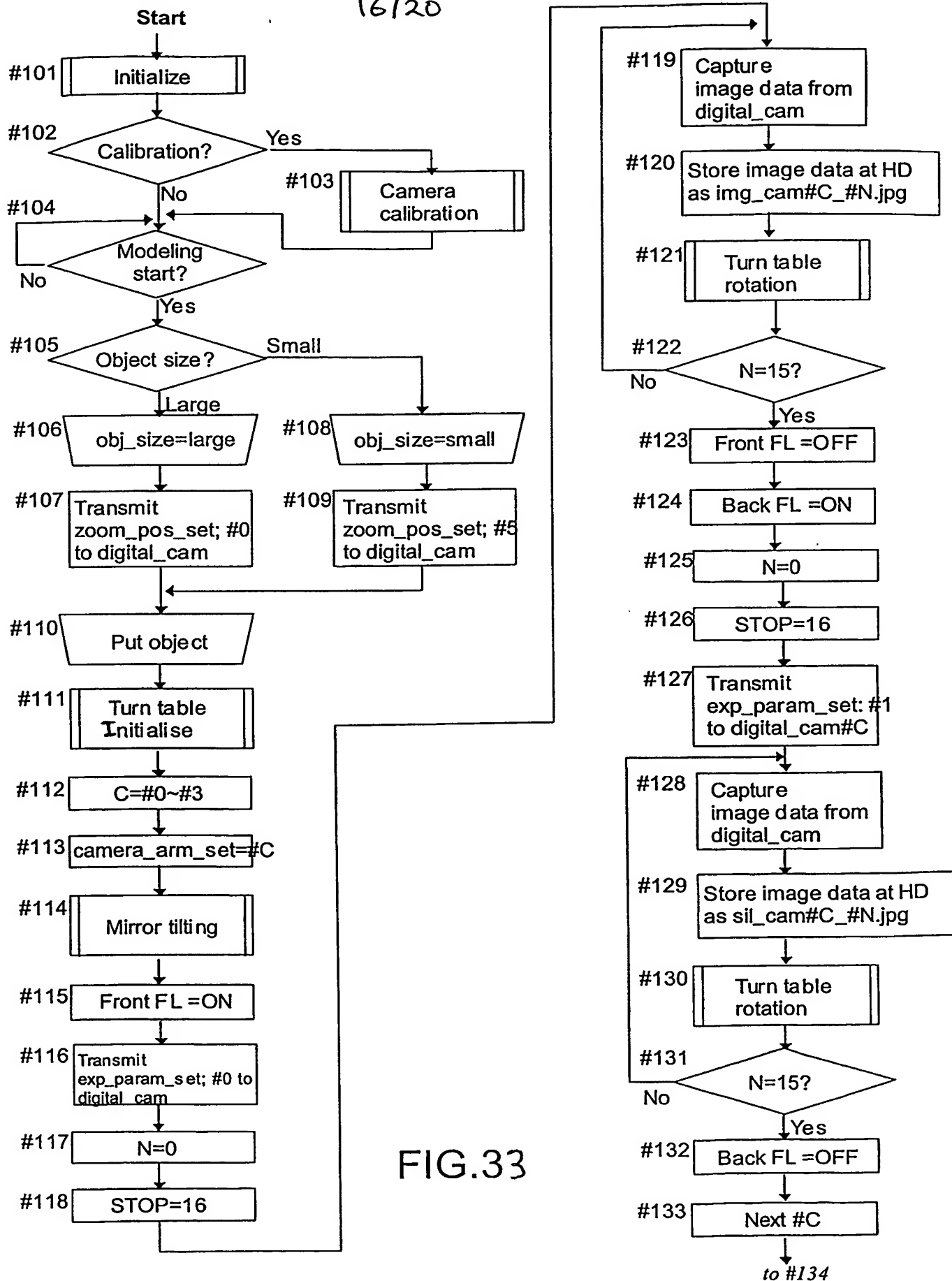


FIG.32



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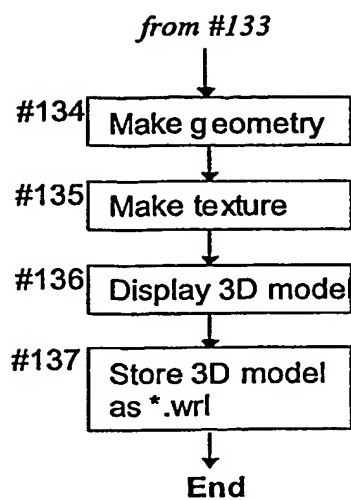


FIG.34

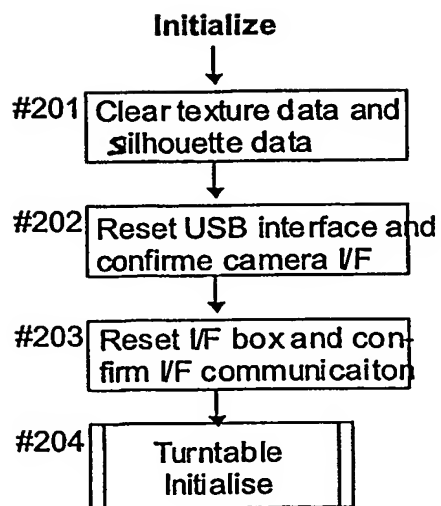


FIG.35

Camera Calibration



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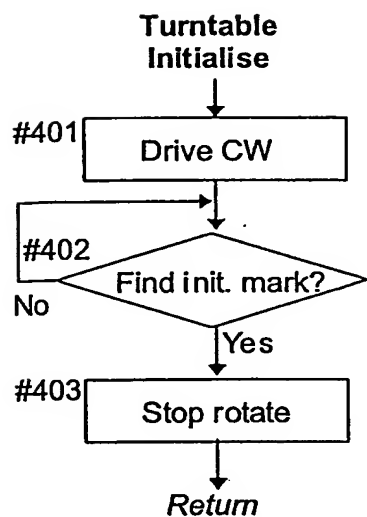


FIG.37

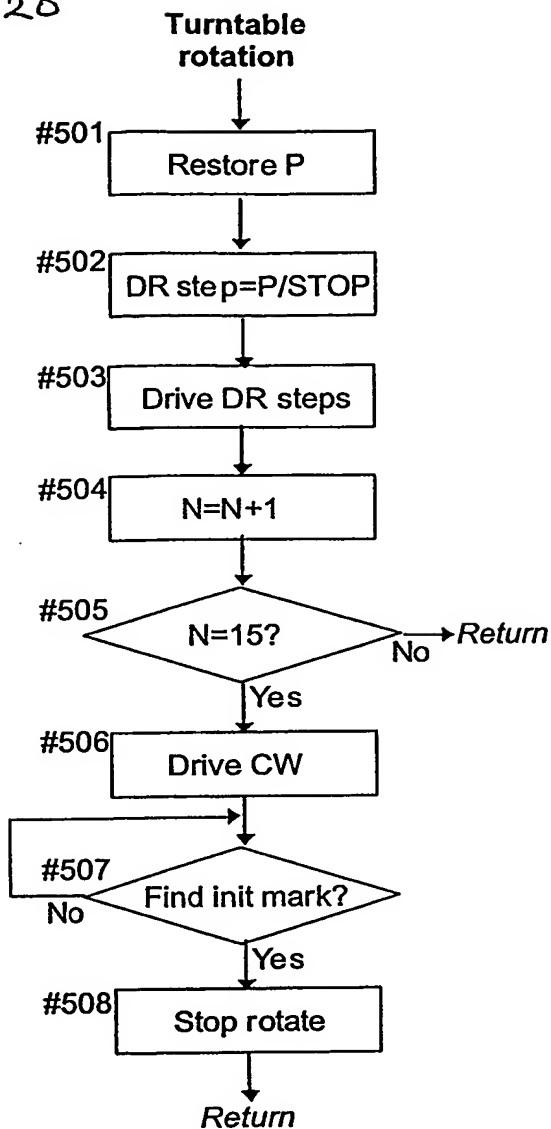


FIG.38

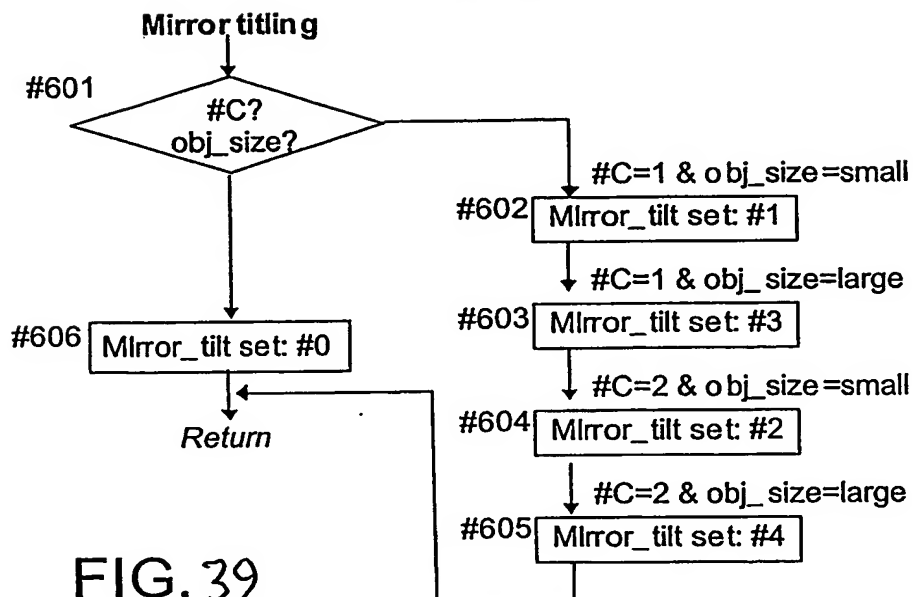


FIG.39

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FIG.40

camera_arm_set	Rotation degrees
#0:	+80.0'
#1:	+45.0
#2:	+10.0'
#3:	-70.0

FIG.41

exp_param_set	AV	TV
#0: front_texture	F.8.0	1/15
#1: backlight	F.8.0	1/60

FIG.42

zoom_pos_set	Focal length
#0:	Wide-end
#1:	ZP1
#2:	ZP2
#3:	ZP3
#4:	ZP4
#5:	Telephoto-end

FIG.43

Mirror_tilt_set	degrees
#0:	0degrees
#1:	-3 degrees
#2	-5 degrees
#3	+8 degrees
#4:	+10 degrees

FIG.44

lighting_ctrl_register	0	1
F_FL	OFF	ON
B_FL	OFF	ON

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